**AMENDMENTS TO THE CLAIMS:**

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

**Listing of Claims:**

1. (Currently Amended) A system ~~System in a digital wireless data communication network for arranging~~ configured to arrange end-to-end (e2e) encryption~~, especially for communication in audio form, in which data communication network~~ between two or more pieces of terminal equipment ~~communicate~~ communicating with one another, ~~including at least~~ said terminal equipment comprising:

[[-]] a codec configured to convert an audio signal into a dataflow and vice versa,

[[-]] ~~air interface encryption means,~~

[[-]] ~~means for management of~~ a module configured to manage encryption parameters stored in connection with the terminal equipment,

[[-]] an encryption key stream generator KSG configured to generate a key stream segment (KSS) with the said encryption parameters,

[[-]] ~~means for encrypting~~ a module configured to encrypt a dataflow and ~~for decryption of~~ decrypt the encryption with the generated key stream segment,

[[-]] ~~means for synchronization of~~ a module configured to synchronize the encrypted dataflow and ~~for de-synchronizing~~ to de-synchronize the synchronization, and

[[-]] at least one interface ~~for receiving~~ configured to receive the encryption parameters from the data communication network,

and wherein at least one of the pieces of terminal equipment ~~belonging to the data communication network~~ is ~~fitted~~ configured to function as a special server terminal device, ~~which manages and distributes~~ to manage and distribute at least the encryption parameters concerning ~~the~~ a data communication network to the other pieces of terminal equipment

based on an established criterion, ~~characterized in that~~ and wherein

[[-]] ~~in the data communication network a~~ the special server terminal device ~~is also arranged, which~~ is ~~arranged~~ configured to manage at least one of encryption ~~and/or~~ and synchronization applications and to distribute these based on an established criterion to the other pieces of terminal equipment and

[[-]] ~~functionalities are arranged in~~ the terminal equipment ~~for downloading and managing the~~ is configured to download and manage said applications ~~and~~, where the terminal equipment comprises a

[[-]] data memory ~~for storing~~ configured to store the applications and

[[-]] a processor and operating memory ~~for carrying out~~ configured to execute the applications.

2. (Currently Amended) A system ~~System~~ according to claim 1, ~~characterized in that~~ wherein the terminal equipment is ~~adapted with the said processor~~ configured to run applications ~~according to the~~ of J2ME (Java 2 Platform Micro Edition) specification with said processor.

3. (Currently Amended) A system ~~System~~ according to claim 2, ~~characterized in that~~ wherein the terminal equipment is configured in accordance with the MIDP (Mobile Information Device Profile) specification.

4. (Currently Amended) A system ~~System~~ according to claim1, ~~characterized in that~~ wherein the downloading of applications at the terminal equipment is arranged to take place in a self-organizing manner, such as, for example, as SDS (Short Data Service) messages.

5. (Currently Amended) ~~Digital wireless terminal equipment, to which functionalities belong, at least~~ An apparatus, comprising:

[[-]] a module ~~for carrying~~ configured to carry out encryption,

[[-]] one or more modules ~~for carrying~~ configured to carry out

synchronization, ~~and~~

[[-]] a module ~~for receiving and managing~~ configured to receive and manage at least encryption keys, and

a module configured to download and manage at least one of dynamic encryption and synchronization applications,

~~characterized in that the~~ wherein a functionality of ~~at least one module~~ the apparatus to carry out end-to-end encrypted communication with another apparatus is ~~adapted for implementation with a~~ implemented by the at least one dynamic application based on a program.

6. (Currently Amended) ~~Terminal equipment~~ The apparatus according to claim 5, ~~including at least a SIM module, characterized in that the~~ wherein said application is ~~adapted~~ configured to arrange command functionality at least at ~~the~~ an interface between the SIM module and ~~the~~ a terminal equipment through ~~the~~ a programming interface (MIDP API) of the application.

7. (New) A method, comprising:

receiving from a data communication network information comprising at least one dynamic encryption application and at least one encryption key; and

executing the at least one dynamic encryption application to control the operation of a terminal equipment in order to implement secure end-to-end (e2e) data communication with another terminal equipment using the at least one encryption key.

8. (New) The method of claim 7, where the at least one application and the at least one encryption key are stored in a subscriber identity (SIM) module on the terminal equipment, and the application is executed to arrange command functionality between the SIM module and the terminal equipment through a programming interface of the application.

9. (New) The method of claim 7, wherein receiving the at least one application is arranged to take place in a self-organizing manner with SDS (Short Data Service) messages.

10. (New) The method of claim 7 implemented in a wireless terminal equipment.

11. (New) A method, comprising:

managing at least dynamic encryption and synchronization applications, and distributing the applications based on an established criterion to terminal equipment connected to a data communication network.